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PATENT 8-9-03

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On July 31, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: Julie Taylor Clagh

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Technology Center 2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SHOKROLLAHI et al.

Application No.: 10/032,156

Filed: December 21, 2001

For: MULTI-STAGE CODE
GENERATOR AND DECODER FOR
COMMUNICATION SYSTEMS

Examiner:

Technology Center/Art Unit: 2661

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 13, 2003, please enter the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 6 of this paper.

Amendments to the Drawings begin on page 15 of this paper and include an attached replacement sheet.

Remarks/Arguments begin on page 16 of this paper.